

- PI 543735 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AR 3031. **pedigree:** Selected from IS2266c. **other id:** Russet. **other id:** IS2266c. **remarks:** Selected for purple testa and recess spreader factor (ss). 3-dwarf line that restores pollen production to A1 cytoplasm. Grain has pink pericarp, chalky mesocarp, purple testa, and straw colored glumes. Seed large and thresh free of glumes. Panicle exertion above flag leaf (14cm), panicle type compact. Plant averages 104cm in height. Flowers approx 76 days after emergence. Plant is rather weak and tillers. Annual. Breeding Material. Seed.
- PI 543736 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R2line AR 3032. **pedigree:** AR 3003(Schrock)/TAM bulk 40 (using a pollen mixture). **other id:** Ark. 1066. **remarks:** Selected for purple testa. 3-dwarf line that restores pollen production to A2 cytoplasm. Grain has brownish pink and pearly pericarp, purple testa, and black glumes. Grain medium size and does not thresh easily from glumes. Panicle exertion above flag leaf (10cm), panicle type is semi-open. Plant averages 138cm in height. Flowers approx. 78 days after emergence. Plant is sturdy with no tillers. Annual. Breeding Material. Seed.
- PI 543737 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AR 3037. **pedigree:** SA6649-7-2(Feterita)/TAM bulk 47 (using a pollen mixture). **other id:** Ark. 1073. **remarks:** Selected for purple testa. 3-dwarf line that restores pollen production to A1 cytoplasm. Grain has white and pearly pericarp, purple testa, and black glumes. Seed medium size and thresh free of glumes. Panicle exertion above flag leaf (5cm), panicle semi-open. Plant averages 102cm in height. flowers approx. 74 days after emergence. Plant sturdy with no tillers. Annual. Breeding Material. Seed.